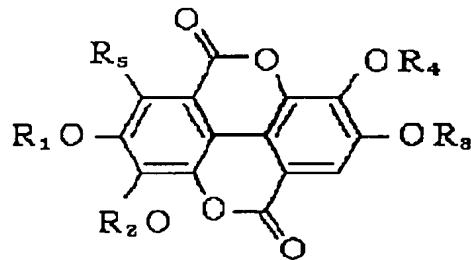


# EUROPEAN PATENT OFFICE

**Patent Abstracts of Japan**

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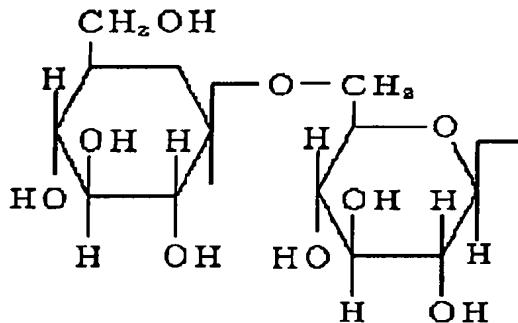
APPLICATION DATE : 12-05-98  
 APPLICATION NUMBER : 10146639

APPLICANT : LION CORP;

INVENTOR : KAMIBAYASHI HIROAKI;

INT.CL. : A61K 7/48 A61K 7/00

TITLE : COMPOSITION FOR EXTERNAL USE  
 FOR SKIN



I

II

**ABSTRACT :** PROBLEM TO BE SOLVED: To obtain a composition for external use for skin that has excellent skin-whitening action by using a specific ellagic acid compound and an extract of the whole grass of Leonurus sibiricus or the like.

**SOLUTION:** This composition comprises (A) 0.05-10 wt.% of at least one selected from ellagic acid compounds of formula I ( $R_1-R_4$  are each H, a 1-20C alkyl, a saccharide residue of formula II or the like;  $R_5$  is H, OH, a 1-8C alkoxy) and their alkali metal salts, for example, ellagic acid, 3,4-di-o-methylellagic acid or the like) and (B) at least one selected from extracts of the following plants: whole grass of Leonurus sibiricus, Lamium album, Visci herba, Prunellae spica, root of Angelica acutiloba, Achyranthis radix, Artemisiae argyi folium, leaf of Uncaria gambir, Calluna vulgaris, Arthemisia japonica THUNG., Centella asiatica, Momordicae semen, rhizome of Alocasia odora, Japanese linden, Tilia japonica, Isodonis herba, Angelica utilis and Dipsacus japonicus. The concentration ratio of the component A to the component B is preferably 1:20 to 50:1 by weight. Oil compoenens, water, surfactants and the like can be formulated to this composition.

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